



Health 1
Flammability 0
Reactivity 0
PPE X

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name D63270
MSDS Name FLOOR GRADE TS WHITE 50LB
CAS Number Mixture
Generic Description Grout/Cement
Manufacturer BOSTIK FINDLEY, INC.
211 Boston Street
Middleton , MA 01949 USA

24 Hour Emergency Assistance
Phone: 1-800-227-0332

General Assistance
Phone: 1-978-777-0100

MSDS Assistance
Phone: 1-978-777-0100

2 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Silica, Quartz	14808-60-7	40 - 70
Calcium Hydroxide	1305-62-0	1 - 5
Portland Cement	65997-15-1	15 - 60
HIGH ALUMINA CEMENT	65997-16-2	5 - 10
CALCIUM FORMATE	544-17-2	1 - 5
Calcium Carbonate	1317-65-3	1 - 5
Calcium Sulfate	7778-18-9	5 - 10
Aluminum Oxide	1344-28-1	1 - 5
Non-hazardous and other ingredients below reportable levels	Proprietary	Balance

3 HAZARDS IDENTIFICATION

Emergency Overview

Exposure to dust may be irritating to eyes, nose, and throat. Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material.

POTENTIAL HEALTH EFFECTS

SKIN CONTACT: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Mechanical rubbing may increase skin irritation.

EYE CONTACT: Dust or powder may irritate eye tissue.

INHALATION: Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material.

INGESTION: May cause nausea, vomiting, pain, stomach upset, and diarrhea.

Target Organs

Respiratory tract and skin. The lungs may be targeted and damaged by components of this product.

4 FIRST AID MEASURES

Skin

Wash affected area with mild soap and water. If irritation persists, get medical attention.

Eye

Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.

Inhalation

Remove to fresh air. Get medical attention if cough or other symptoms develop.

Ingestion

Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion of a large amount does occur, seek medical attention.

5 FIRE FIGHTING MEASURES

Hazardous Combustion Products

Non-combustible, substance itself does not burn.

Extinguishing Media

Use any media suitable for the surrounding fires.

Basic Fire Fighting Procedures

Not a fire hazard. This material will not burn.

Dust Explosion Hazard

None Known

Sensitivity To Mechanical Impact

None Known

Sensitivity To Static Discharge

None Known

Flash Point Non- Flammable

6 ACCIDENTAL RELEASE MEASURES

Emergency Action

Avoid inhalation of dust from the spilled material. Wear a dust mask if dust is generated above exposure limits.

Containment

Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick up residues. Wash down area thoroughly with water. Use appropriate personal protective equipment as necessary.

7 HANDLING & STORAGE

Handling

Avoid breathing dusts from this material. Remove dust fines from air or wear recommended respirator.

Storage

Store in a clean, dry area. Keep containers closed.

Empty Container Precaution

Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

Eye Protection

Wear goggles or safety glasses with side shields.

Skin And Body Protection

Wear impervious gloves for prolonged contact. Recommended gloves include rubber, neoprene, nitrile or viton. Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory Protection

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit. If ventilation is not sufficient to effectively prevent buildup of dusts, appropriate NIOSH/MSHA respiratory protection must be provided.

Exposure Limits

ACGIH - Occupational Exposure Limits - TWAs

ALUMINUM OXIDE	1344-28-1	10 mg/m3 TWA (as Al, particulate matter containing no asbestos and < 1% crystalline silica)
CALCIUM HYDROXIDE	1305-62-0	5 mg/m3 TWA
CALCIUM SULFATE	7778-18-9	10 mg/m3 TWA (particulate matter containing no asbestos and < 1% crystalline silica)
LIMESTONE	1317-65-3	10 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica)
PORTLAND CEMENT	65997-15-1	10 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica)
SILICA, QUARTZ	14808-60-7	0.05 mg/m3 TWA (respirable fraction)

OSHA - Vacated PELs - Time Weighted Averages

ALUMINUM OXIDE	1344-28-1	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
CALCIUM HYDROXIDE	1305-62-0	5 mg/m3 TWA (not in effect as a result of reconsideration)
CALCIUM SULFATE	7778-18-9	15 mg/m3 TWA; 5 mg/m3 TWA (respirable fraction)
LIMESTONE	1317-65-3	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
PORTLAND CEMENT	65997-15-1	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
SILICA, QUARTZ	14808-60-7	0.1 mg/m3 TWA (respirable dust)

9 PHYSICAL & CHEMICAL PROPERTIES

Percent Volatile	0
Solubility In Water	0 - 2 %
Softening Point	N/A
Target Solids	100 %
pH	8 - 10
Density	2.498 g/cc
Odor	Slight
Color	Various Colors
Physical State	Powder
Freeze Protect	No

10 STABILITY & REACTIVITY

Stability/Incompatability

Stable under normal conditions. This product may react with strong acids.

11 TOXICOLOGICAL INFORMATION

Ld50

NIOSH - Selected LD50s and LC50s

CALCIUM FORMATE	544-17-2	Oral LD50 Rat: 2650 mg/kg; Oral LD50 Mouse: 1920 mg/kg
CALCIUM HYDROXIDE	1305-62-0	Oral LD50 Rat: 7340 mg/kg; Oral LD50 Mouse: 7300 mg/kg

Carcinogenicity

This product itself is not a listed carcinogen by OSHA, IARC or NTP.

IARC - Group 1 (carcinogenic to humans)

SILICA, QUARTZ	14808-60-7	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)
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NTP - Report on Carcinogens - Known Carcinogens

SILICA, QUARTZ	14808-60-7	Known Carcinogen
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OSHA - Select Carcinogens

SILICA, QUARTZ	14808-60-7	Present
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12 ECOLOGICAL INFORMATION

VOC (Volatile Organic Compounds) 0 %

Ecotoxicological Information

No data available for this product.

13 DISPOSAL CONSIDERATIONS

Waste Disposal

This product as supplied is not considered a hazardous waste under RCRA. Dispose of in compliance with all local, state, and federal regulations. Recommended disposal method is incineration.

14 TRANSPORT INFORMATION

Comments

This product is not regulated as a hazardous material by the United States (DOT) (IMDG) (IATA) or Canadian (TDG) transportation regulations.

15 REGULATORY INFORMATION

Federal Regulations

All components are on the U.S. EPA TSCA Inventory List.

Based on an evaluation of the components used, this product does contain hazardous ingredients identified as per 29 CFR 1910.1200.

State Regulations

If this product contains any ingredients listed under California Proposition 65, they will be noted below:

California - Prop. 65 - Cancer list

SILICA, QUARTZ	14808-60-7	carcinogen (airborne particles of respirable size); initial date 10/1/88
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International Regulations

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS). Class D Division 2 Sub-division B.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES

Not Regulated

SARA 311/312 HAZARD CATEGORIES

Immediate Hazard	Yes
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

SARA 313 TOXIC CHEMICALS

Not Regulated

WHMIS RATINGS

Compressed Gas		Flammable/Combustible	Oxidizer	Acutely Toxic
Other Toxic Effects	X	Bio Hazardous	Corrosive	Dangerously Reactive

16 OTHER INFORMATION

Disclaimer

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik Findley, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

Issue Date	26-Sep-2002	Supersedes	15-Aug-2002
Prepared By	Sue Brennan		

MSDS Number	23740	Product	D63270
Label Number	23740	NA = Not Available	ND = Not Determined